

## عنوان مقاله:

A Bio-inspired Genetic Algorithm Applied to a Constrained Optimization Problem in Power Systems

## محل انتشار:

اولین کنگره مشترک سیستم های فازی و سیستم های هوشمند (سال: 1386)

تعداد صفحات اصل مقاله: 6

## نویسندگان:

H. R. Abdolmohammadi

S Jafari

M. R. Rajati

M. E. Nazari

## خلاصه مقاله:

In this paper, an improved genetic algorithm is proposed to solve the economic dispatch (ED) problem for cogeneration systems. The proposed algorithm is a novel bio-inspired Genetic Algorithm. This algorithm seems to be efficient in finding global optimum in the economic dispatch problem. Furthermore, it provides a suitable framework for future extension to other optimization algorithms.

## کلمات کلیدی:

Genetic Algorithm, Economic Dispatch

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/52696>

